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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/693,710	10/23/2003	Viswanath Krishnamurthy	843161-316	1582

7590 06/28/2006

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EXAMINER

ELAMIN, ABDELMONIEM I

ART UNIT	PAPER NUMBER
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2116

DATE MAILED: 06/28/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/693,710	Applicant(s) KRISHNAMURTHY ET AL.	
	Examiner Abdelmoniem Elamin	Art Unit 2116	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>1/23/2006</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-25 are rejected under 35 U.S.C. 102(e) as being anticipated by Bresniker et al, US. Pat. No. 6,957,353.
3. claims 1, 20, Bresniker teaches a computer network system [*title, abstract*], comprising;
 - a circuit board forming a backplane [*backplane 106 of Fig. 3*];
 - a field replaceable unit (FRU) slot located on said backplane [*see FRU 300A-300E*];
 - a bus [*Fig. 3*];
 - a central resource coupled with said FRU via slot bus [*power supply units PSUs 114 of Fig. 3*]; and
 - a non-volatile memory coupled to said resource [*EEPROM 323 of Fig. 3*];wherein said central resource generates a power mask for said FRU slot [*col. 6, lines 23-24*];

wherein said power mask is stored in said non-volatile memory [*col. 6, lines 23-24*]; and

wherein said power mask includes a power state of said FRU slot [*col. 13, line 61 thru col. 14, line 9*].

4. Claim 2, Bresniker teaches said FRU slot comprises a CPCI [*col. 5, lines 44-46*].
5. Claim 3, Bresniker teaches said power mask is available after a power cycle and can be subsequently accessed from said non-volatile by said central resource via said bus [*col. 13, line 61 thru col. 14, line 9*].
6. Claim 4, Bresniker teaches said central resource accesses said power mask for information regarding said power state on said power mask using an Intelligent Platform Management Interface (IPMI) protocol [*col. 9, lines 22-24*].
7. Claim 5, Bresniker teaches said central resource accesses said power mask from said non-volatile memory to determine a power status and history of said slot [*col. 13, line 61 thru col. 14, line 9*].
8. Claim 6, Bresniker teaches said central resource accesses said power mask from said non-volatile memory to determine a power requirement of an FRU held by said FRU slot [*col. 13, line 61 thru col. 14, line 35*].
9. Claim 7, Bresniker teaches said power mask comprises a power status of said FRU slot and a functional status of an FRU held by said FRU slot [*col. 6, lines 21-24*].
10. Claims 8, 25, Bresniker teaches said central resource accesses said power mask from said non-volatile memory to update said power state [*col. 12, lines 49-59*].
11. Claim 9, Bresniker teaches said updated power state depends on a condition of an FRU held by said FRU slot [*col. 12, lines 49-59*].

12. Claims 10, 23-24, Bresniker teaches said central resource accesses said power mask from said non-volatile memory to determine whether an FRU held by said FRU slot is faulty [*see step 1004 of Fig. 10 and related disclosure*].
13. Claims 11, 21, Bresniker teaches said central resource accesses said power mask from said non-volatile memory to determine whether an FRU held by said FRU slot requires too much power [*see Fig. 9*].
14. Claim 12, Bresniker teaches said central resource generates said power mask based on whether an FRU held by said FRU slot is faulty [*see step 1004 of Fig. 10 and related disclosure*].
15. Claim 13, Bresniker teaches said central resource generates said power mask based on whether an FRU held by said FRU slot requires too much power [*see Fig. 9*].
16. Claim 14, Bresniker teaches said central resource accesses said power mask from said non-volatile memory to keep an FRU held by said FRU slot in a powered off state [*col. 11, lines 16-27*].
17. Claim 15, Bresniker teaches a hotswap controller running on said central resource and wherein said hotswap controller makes a determination as to whether to power on an FRU held by said FRU slot [*SMC 300E of Fig. 3*].
18. Claim 16, Bresniker teaches said hotswap controller persistently powers down said FRU when said FRU requires an excess amount of power [*col. 11, lines 16-27*].
19. Claim 17, Bresniker teaches said hotswap controller persistently powers down said FRU when a hardware signal from said FRU indicates said FRU as being faulty [*step 1004 of Fig. 10*].

20. Claim 18, Bresniker teaches a second FRU slot located on said backplane and wherein said central resource generates a second power mask for said second FRU slot [*see Fig. 3 and related disclosure*].
21. Claim 19, Bresniker teaches said power mask is uniquely generated by said central resource for said FRU slot and said second power mask is uniquely generated by said central resource for said second FRU slot and wherein both said power mask and said second power mask are persistently stored in said non-volatile memory [*col. 13, line 61 thru col. 14, line 9*].
22. Claim 20, Bresniker teaches comparing a power requirement of said FRU with a power capacity of said computer network system, wherein said power requirement of said FRU is stored in a second non-volatile memory located within said FRU and wherein said second non-volatile memory is powered on by a standby power source of said computer network system [*col. 13, line 61 thru col. 14, line 9*].

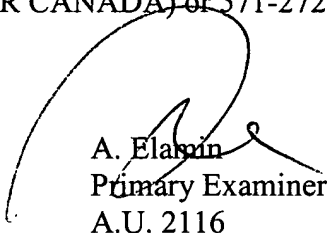
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Abdelmoniem Elamin whose telephone number is 571-2727-3674. The examiner can normally be reached on MON - THUR 10:00 AM - 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynne Browne can be reached on 571-272-3670. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2116

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



A. Elamin
Primary Examiner
A.U. 2116

June 24, 2006